# MOHIT SINHA

B.Tech. Metallurgical & Materials Engineering
UG(IV Year I Semester)
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Registration No: B.Tech./MT/15118044/2019

Indian Institute of
Technology
Roorkee

## Area of Interest

Machine Learning, Computer Vision, Algorithms

## Education

| Year | Degree/Examination | Institution/Board | CGPA/Percentage |
|------|--------------------|-------------------|-----------------|
| 2018 | B.Tech. 3rd Year | Indian Institute of Technology, Roorkee | *8.4* |
| 2014 | Twelfth | Christ Church Boys' School | *94.6 %* |
| 2012 | Tenth | Christ Church Boys' School | *9.8* |

## Internships

**ML developer** | Spookfish Innovations                                    Summer 2018
- To provide solution to industries via cutting-edge Machine Learning and Computer Vision technology. For eg. Human-Pose Estimation to generate appropriate recommendation for sportsman.

## Projects

**Compare-Pose** | Spookfish Innovation                                          June 2018
- Pose comparison of humans via computer vision technology. It uses CMU-Openpose library for pose detection.

**Smart-Cam** | Spookfish Innovation                                              May 2018
- A small smart camera built using Raspberry Pi 2. It can read pharma codes and detect labels, and send data.

**mPaathshala** | Mobile Development Group, SDS IITR                                  2016
- An app to make study material available on phones, uploaded through a website with backend in PHP and uses Retrofit2 REST client to make calls.

## Awards / Scholarships / Academic Achievements

- Rank 12/5000, ZS Datathon 2018
- Among top 10 students in department of 105
- NTSE State level scholar

## Skills

| | |
|---|---|
| Computer languages | C++, Python, Java |
| Software Packages | Scikit-learn, Keras, Git, Linux Shell, Android Studio |
| Additional Courses Taken | Neural Networks for Machine Learning by Geoffrey Hinton, CSN231n for Convolutional Neural Network by Fei Fei Li Stanford University, 6.006 Introduction to Algorithms MIT-OCW |
| Languages Known | English (SRW) , Hindi (SRW) , Spanish (SR) |

## Positions of Responsibility & Extra Curriculars

**Member, Mobile Development Group, IITR**                                      2016-2017
- Contributed in developing Campus Buddy which has 4.6/5 rating on Google Playstore

**Associate Member, Entrepreneurship Development Cell, IITR**                      2016-now
- Developed and managed websites for various events and managed the events such as Global Entrepreneurs Conclave'15

**Co-ordinator, TEDxIITRoorkee**                                                  2017
- Pulled of the independently organized TED talk with many participants and 5 speaker.

**Executive, Thomso'15 IITR**                                                    2015
- Managed promotion in North India and was part of team which was responsible for record footfall

**Core Team Member, Student Mentorship Program, IITR**                            2017
- Played essential role in implementing the program for the first time in institute, with many Mentors and all freshers as Mentees

**Cadet, National Cadet Corps, IIT Roorkee**                                      2015
- Participated in various cadet activities like blood donation camp and prestigious Guard of Honor twice.

## References

**Prof. S. R. Meka**
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**Mr. Gagesh Madaan**
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